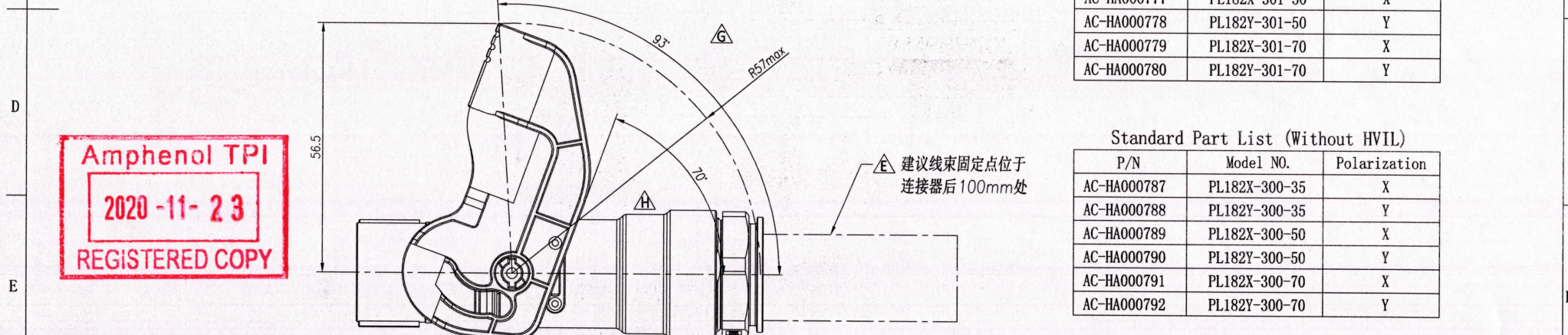
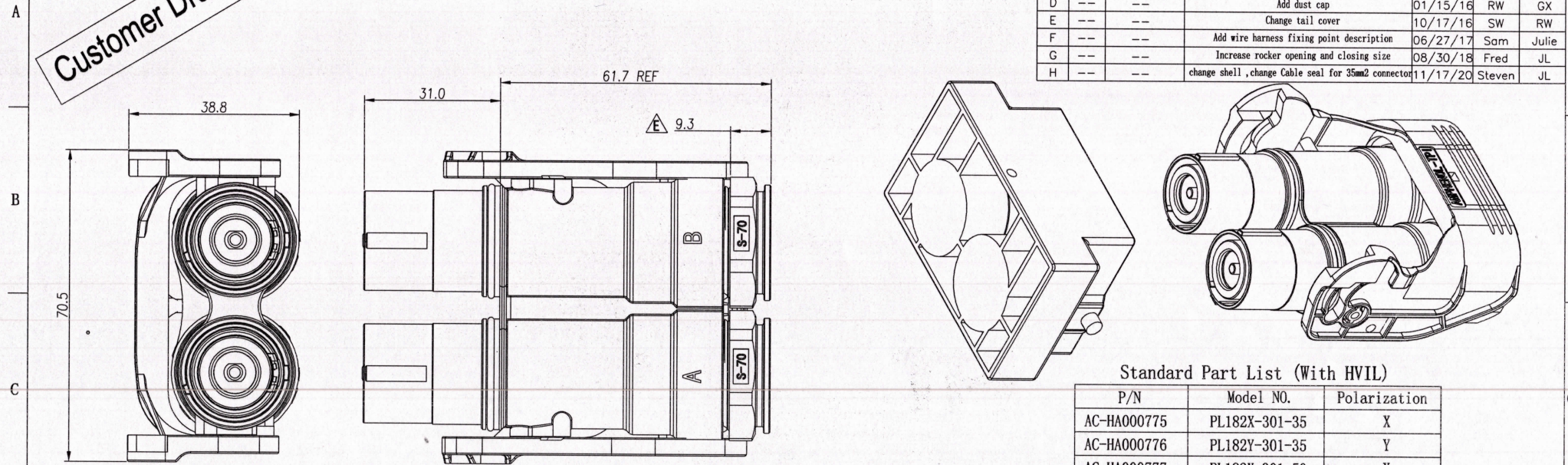


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Customer Drawing

REVISIONS					
REV	ZONE	ECO	DESCRIPTION	DATE	BY APPR
A	--	--	Updated	07/04/14	RW EC
C	--	--	Rear nut increase 1mm, reduced inner diameter	09/08/15	RW EC
D	--	--	Add dust cap	01/15/16	RW GX
E	--	--	Change tail cover	10/17/16	SW RW
F	--	--	Add wire harness fixing point description	06/27/17	Sam Julie
G	--	--	Increase rocker opening and closing size	08/30/18	Fred JL
H	--	--	change shell, change Cable seal for 35mm2 connector	11/17/20	Steven JL



Standard Part List (With HVIL)

P/N	Model NO.	Polarization
AC-HA000775	PL182X-301-35	X
AC-HA000776	PL182Y-301-35	Y
AC-HA000777	PL182X-301-50	X
AC-HA000778	PL182Y-301-50	Y
AC-HA000779	PL182X-301-70	X
AC-HA000780	PL182Y-301-70	Y

Standard Part List (Without HVIL)

P/N	Model NO.	Polarization
AC-HA000787	PL182X-300-35	X
AC-HA000788	PL182Y-300-35	Y
AC-HA000789	PL182X-300-50	X
AC-HA000790	PL182Y-300-50	Y
AC-HA000791	PL182X-300-70	X
AC-HA000792	PL182Y-300-70	Y

- 规格参数 (Spec.):
- 工作温度 Operating temperature: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$.
 - 额定电流 Current rating (Connector Only): \triangle
35mm²:150A; 50mm²:200A; 70mm²:250A;
 - 额定电压 Operating voltage:1000 VDC.
 - 耐电压 Dielectric withstanding voltage: 5000 VDC.
 - 防护等级 Protection class:IP67 & IP2X.
 - 电磁屏蔽 Shielding.
 - 机械寿命 Mating cycle:100 Min. \triangle
 - 带自动二次锁扣 Automatic secondary lock.
 - 带高压互锁 Electrical interlock (HVIL).
 - 对配插座见图纸 Mating receptacle see drawing: PL082-300.

订购信息 Ordering Information

PL18 2 X - 30 1 - 70

键位及颜色 Key "X" Key "Y" Key	高压互锁 HVIL 0, 不带互锁 No HVIL 1, 带互锁 With HVIL	线缆大小 Cable Size "70"=70mm ² "50"=50mm ² "35"=35mm ²
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AMPHENOL TPI

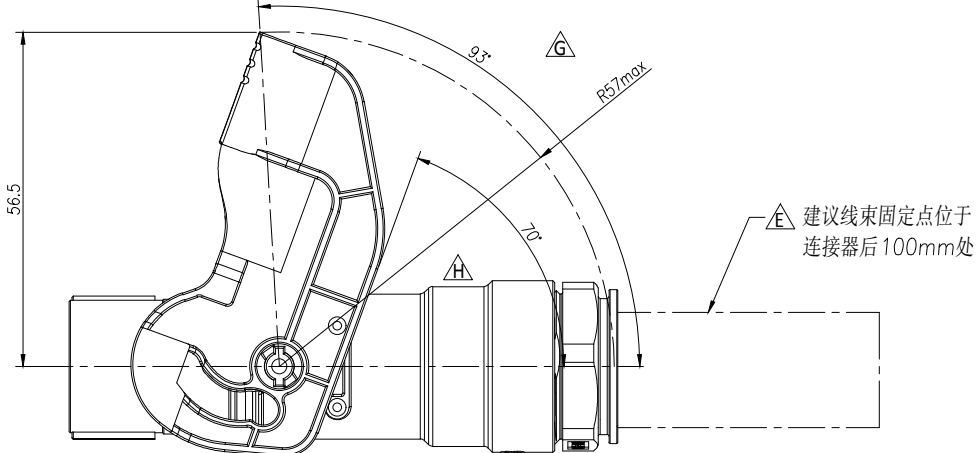
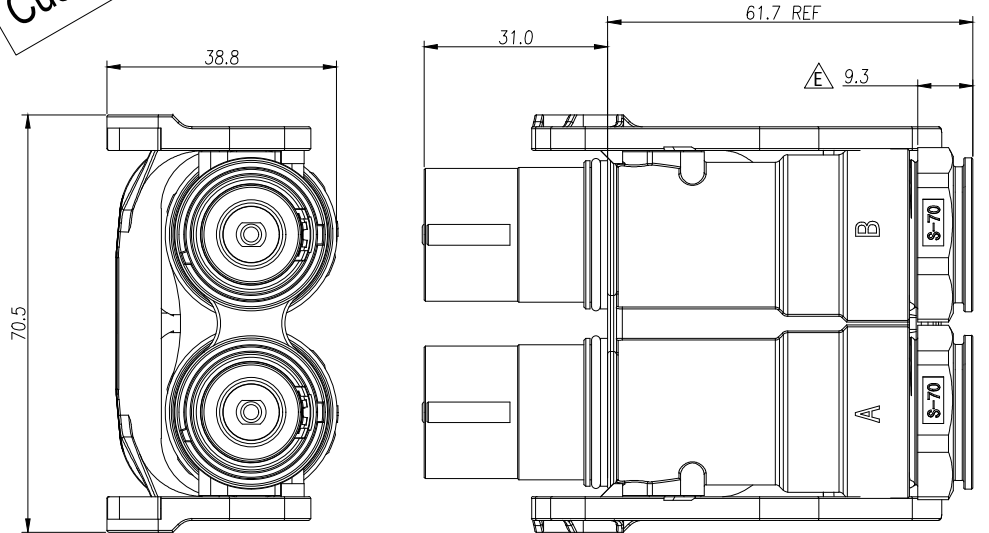
Amphenol Technical Products International Asia.

第三角投影 THIRD ANGLE PROJECTION	页码 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME: PwrLok 10mm 2POS Plug Conn
	1 OF 1	A3	H		DWG NO: PL182()-300
签名 SIGNATURE Steven	日期 DATE 11/17/20	UNLESS OTHERWISE SPECIFIED		CUST PART #: N/A	
制图 DRAWN	审核 CHECKED	批准 APPROVAL	1) All dimensions are in metric (mm). 2) Tolerances are as follows: 0 PL DEC ± 1.00 1 PL DEC ± 0.50 2 PL DEC ± 0.20		CUST REV. -
			Angles $\pm 1^{\circ}$		

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Customer Drawing

A
B
C
D
E
F



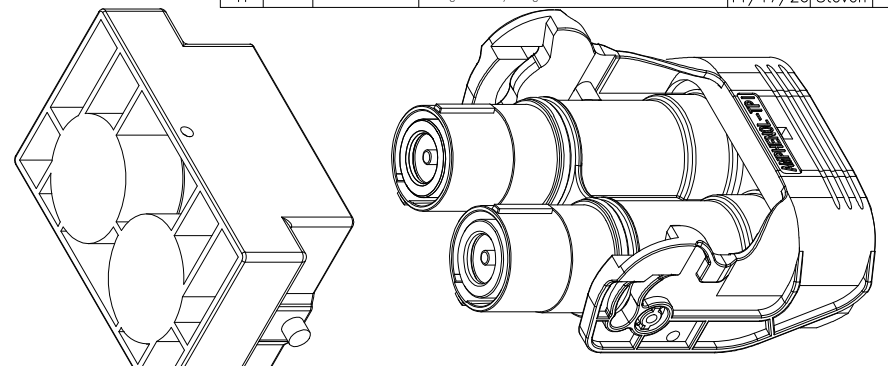
- 规格参数 (Spec.):
1. 工作温度 Operating temperature: -40° C ~ +125° C.
 2. 额定电流 Current rating (Connector Only): \triangleleft
35mm²:150A; 50mm²:200A; 70mm²:250A;
 3. 额定电压 Operating voltage:1000 VDC.
 4. 耐电压 Dielectric withstanding voltage: 5000 VDC.
 5. 防护等级 Protection class:IP67 & IP2X.
 6. 电磁屏蔽 Shielding.
 7. 机械寿命 Mating cycle:100 Min. \triangleleft
 8. 带自动二次锁扣 Automatic secondary lock.
 9. 带高压互锁 Electrical interlock (HVIL).
 10. 对插座座见图纸 Mating receptacle see drawing: PL082-300.

订购信息 Ordering Information

PL18 2 X - 30 1 - 70

键位及颜色 Key "X" Key "Y" Key	高压互锁 HVIL 0, 不带互锁 No HVIL 1, 带互锁 With HVIL	线缆大小 Cable Size "70"=70mm ² "50"=50mm ² "35"=35mm ²
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REV		ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	--	Updated	07/04/14	RW	EC
C	--	--	--	Rear nut increase 1mm, reduced inner diameter	09/08/15	RW	EC
D	--	--	--	Add dust cap	01/15/16	RW	GX
E	--	--	--	Change tail cover	10/17/16	SW	RW
F	--	--	--	Add wire harness fixing point description	06/27/17	Sam	Julie
G	--	--	--	Increase rocker opening and closing size	08/30/18	Fred	JL
H	--	--	--	change shell , change Cable seal for 35mm2 connector	11/17/20	Steven	JL

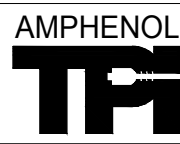


Standard Part List (With HVIL)

P/N	Model NO.	Polarization
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AC-HA000778	PL182Y-301-50	Y
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AC-HA000790	PL182Y-300-50	Y
AC-HA000791	PL182X-300-70	X
AC-HA000792	PL182Y-300-70	Y



Amphenol Technical Products International Asia.

第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME: PwrLok 10mm 2POS Plug Conn
\triangleleft	1 OF 1	A3	H		DWG NO: PL182()-300
签名 SIGNATURE 制图 DRAWN 审核 CHECKED 批准 APPROVAL	日期 DATE Steven 11/17/20	UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20			CUST PART #: N/A
		Angles ±1°			CUST REV. -

1 2 3 4 5 6 7 8